

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 6039
 Name: L. D. Drilling, Inc.
 Address: 7 SW 26th Avenue
 City/State/Zip: Great Bend, KS 67530
 Purchaser: _____
 Operator Contact Person: L. D. Davis
 Phone: (620) 793-3051
 Contractor: Name: Southwind Drilling, Inc.
 License: 33350
 Wellsite Geologist: Kim Shoemaker
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: _____
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. D-28, 350

<u>4-01-04</u>	<u>4-12-04</u>	<u>5-5-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

RECEIVED

JUN 04 2004

KCC WICHITA

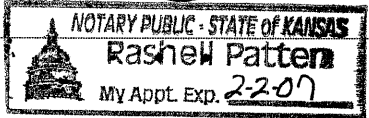
API No. 15 - 185-23234-00-00
 County: Stafford
 NW NE NW Sec. 32 Twp. 21 S. R. 12 East West
330 5008 FSL feet from S N (circle one) Line of Section
1650 3696 FEL feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Mueller Well #: 1A
 Field Name: Mueller
 Producing Formation: _____
 Elevation: Ground: 1859' Kelly Bushing: 1869'
 Total Depth: 3915' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 270 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT#1 KCR 6/08/07
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202. within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Rashell Patten
 Title: Secretary/Treasurer Date: 6-03-04
 Subscribed and sworn to before me this 3rd day of June,
 2004.
 Notary Public: Rashell Patten
 Date Commission Expires: 2/2/07



KCC Office Use ONLY
NO Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

✓

X

Operator Name: L. D. Drilling, Inc. Lease Name: Mueller Well #: 1A
 Sec. 32 Twp. 21 S. R. 12 East West County: Stafford

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

(See Attached)

RECEIVED
JUN 04 2004
KCC WICHITA

Dual Induction Log
 Dual Compensated Porosity Log
 Radiation Guard Log

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	270'	60/40 Poz	200	2% Gel, 3% CC
Production	7/7/8"	5 1/2"	14#	3698'	50/50 60/40 Poz	150 15RH	10% Salt 5# Oil, 25 FR 8 FLA-322

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
		1500 gal 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 3/8"	3656'					
Date of First. Resumerd Production, SWD or Enhr.			Producing Method					
SWD -			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) 3697-3915 All Vacuum

(If vented, Submit ACO-18.)

SOUTHWIND DRILLING, INC.

ORIGINAL

RIG #1

PO Box 276, Ellinwood, KS 67526
Office Phone 620-564-3800, Fax 620-564-3845

DRILLING REPORT

Mueller "A" #1

Location: NW-NE-NW
API#: 15-185-23234-00-00

Section 32-21S-12W
Stafford County, Kansas

OWNER: : L.D. Drilling, Inc.
CONTRACTOR: Southwind Drilling, Inc. Rig #1

COMMENCED: 04-01-04
COMPLETED: 04-12-04

TOTAL DEPTH: DRILLER: 3915'
LOG: 3915'

Ground Elevation: 1859'
KB Elevation: 1869'

LOG:

0'	-	132'	Sand/Redbed
132'	-	275'	Clay/Sand
275'	-	664'	Redbed/Shale
665'	-	689'	Anhydrite
690'	-	1310'	Shale/Sand
1310'	-	1630'	Shale
1630'	-	3281'	Shale/Lime
3281'	-	3540'	Lansing/Kansas City
3541'	-	3914'	Arbuckle
3915'			RTD & LTD

RECEIVED
JUN 04 2004
KCC WICHITA

CASING RECORDS

Surface casing - 8 5/8"

On 04-01-04 drilled 12 1/4" hole to 275'. Ran 6 joints of new 24# 8 5/8" surface casing, tally @ 258.55'. Set @ 270'. Cemented with 200 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 5:00 am on 04-02-04 by Acid Services (tk #8396)

Production casing - 5 1/2"

Ran 87 joints of new 14# 5 1/2" casing. Tally @ 3699.44'. Set @ 3697' (KB). Cemented with 150 sacks of 50/50 Poz, 10% salt, 5# CalSet, 5# Gilsonite, .25 F.R., .8 FLA-322. Plug down @ 1:15 am on 04-12-04 by Acid Services (tk #8399). Plugged the rathole with 15 sacks.

DEVIATION SURVEYS

1 degree (s) @ 1690'
3/4 degree(s) @ 3333'
1 1/4 degree (s) @ 3915'

ORIGINAL

MORNING DRILLING REPORT				Fax to: L.D. Davis									
Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526			Wellsite Geologist: Kim B. Shoemaker 316-684-9709 (home) 316-772-2621 (cellular) 316-250-2013 (cellular)		# of pages		1 of 1		Fax #:620-793-7237				
				WELL NAME			Mueller "A" #1						
				LOCATION			NW-NE-NW						
Rig #1 Phone Numbers				IN USE		SEC	32	TWP	21S	RNG	12W	CO	Stafford
620-794-2075	Rig Cellular (Dog house)		Yes		L. D. Drilling, Inc.								
620-794-2078	Geologist Trailer Cellular		Yes		7 SW 26 th								
620-794-2076	Tool Pusher Cellular		Yes		Darryl Krier		Great Bend, KS 67530						
						ELEVATION		G.L. 1859'		K.B. 1869'		API# 15-185-23234-00-00	

Central Kansas staked location on 02/11/04.

Day 1 Date: 04/01/04 Thursday

Moved Rig #1 on location.

Spud @ 9:30 pm

Ran 8.00 hours (3.00 drilling, 5.00 drill surface/set surface). Down 16.00 hours (2.00 mix mud, 2.00 wait on cement, 12.00 move/set rig up)

Drilled 12 1/4" hole to 275'. Ran 6 joints of new 24# 8 5/8" surface casing, tally @ 258.55'. Set @ 270'. Cemented with 200 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 5:00 am on 04-02-04 by Acid Services (tk#8396)

Day 2 Date: 04/02/04 Friday

@ 275' waiting on cement (will drill from under surface).

Ran 8.25 hours. Down 15.75 hours (5.25 rig repair, .50 check rig, .25 lay collars down, 1.25 connections/jet, .50 cement & plug, 8.00 wait on cement)

Day 3 Date: 04/03/04 Saturday

Drilling @ 950'

Ran 14.50 hours. Down 9.50 hours (.75 rig check, 1.75 jet/connections, 2.25 circulate, 3.00 trips, .25 rig repair, 1.00 time change, .50 plugged bit)

Mud properties: fresh water

Mud record: vis 32, wt. 9.5

Wt. on bit 25,000, 80RPM, 650# pump pressure

Day 4 Date: 04/04/04 Sunday DST #1 (1604'-1690')

(recovered 60' gas & 10' mud)

Drilling @ 1690'

Ran 16.50 hours. Down 7.50 hours (.75 circulate, 1.50 jet/connections, 5.25 DST #1)

Mud record: vis 32, wt. 9.4

Wt. on bit 30,000, 80 RPM, 700# pump pressure

Day 5 Date: 04/05/04 Monday

Drilling @ 2322'

Ran 20.25 hours. Down 3.75 hours (.75 circulate, 1.75 jet., 1.25 rig repair)

Mud record: vis 32 wt. 9.4

Wt. on bit 30,000, 80 RPM, 700# pump pressure

RECEIVED
JUN 04 2004
KCC WICHITA

ORIGINAL

MORNING DRILLING REPORT				Fax to: L.D. Davis								
Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526			Wellsite Geologist: Kim B. Shoemaker 316-684-9709 (home) 316-772-2621 (cellular) 316-250-2013 (cellular)	# of pages		2 of 2		Fax #:620-793-7237				
				WELL NAME		Mueller "A" #1						
				LOCATION		NW-NE-NW						
Rig #1 Phone Numbers			IN USE		SEC	32	TWP	21S	RNG	12W	CO	Stafford
620-794-2075	Rig Cellular (Dog house)		Yes		L. D. Drilling, Inc. 7 SW 26 th Great Bend, KS 67530							
620-794-2078	Geologist Trailer Cellular		Yes									
620-794-2076	Tool Pusher Cellular		Yes	Darryl Krier								
				ELEVATION		G.L. 1859'		K.B. 1869'		API# 15-185-23234-00-00		

Day 6 Date 04/06/04 Tuesday

Drilling @ 3005'

Ran 10.25 hours. Down 13.75 hours (4.25 circulate, 6.50 trips, 2.25 check rig/clean screen, .75 DST #2)

*note: short tripped twice due to rough spot

Mud record: vis 47, wt. 9.0, water loss 8.0

Total Mud cost to Date = \$3,427.00

Wt. on bit 30,000, 80 RPM, 700# pump pressure

Day 7 Date 04/07/04 Wednesday DST #2 (3281'-3333') Lansing/KC

"A", "B", "C" & "D" zones
(recovered 800' gas & 80' oil & gas cut mud)

DST #3 (3324'-3351') Lansing/KC
"E", "F", "G" zones
(recovered 60' mud)

@ 3333' running DST #2

Ran 5.00 hours. Down 19.00 hours (2.50 circulate, 11.00 trips, 2.25 DST #2, 3.00 DST #3, .25 clean screen)

Mud record: vis 47, wt 9.1, water loss 8.8

Total Mud cost to Date = \$3,427.00

Wt. on bit 30,000, 80 RPM, 700# pump pressure

Day 8 Date 04/08/04 Thursday DST #4 (3389'-3460') Lansing/KC

"H", "I", "J", "K" zones
(recovered 350' oil & gas cut mud)

Drilling @ 3415'

Ran 8.75 hours. Down 15.25 hours (3.75 circulate, .75 rig check, 3.00 DST #4, 7.75 trips)

Mud record: vis 51, wt. 9.4, water loss 12.0

Total Mud cost to Date = \$3,427.00

Wt. on bit 30,000, 80 RPM, 700# pump pressure

Day 9 Date 04/09/04 Friday DST #5 (3541'-3611') Arbuckle

(recovered 30' of mud)
DST #6 (3548'-3616') Arbuckle
(recovered 30' mud-very little oil)

Circulating for samples @ 3592'

Ran 1.25 hours. Down 22.75 hours (4.25 circulate, .25 rig check, 2.25 DST #5, 2.25 DST #6, 13.75 trips)

Mud record: vis 54, wt. 9.4

Wt. on bit 30,000, 80 RPM, 700# pump pressure

RECEIVED
JUN 04 2004
KCC WICHITA

ORIGINAL

MORNING DRILLING REPORT				Fax to: L.D. Davis							
Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526		Wellsite Geologist: Kim B. Shoemaker 316-684-9709 (home) 316-772-2621 (cellular) 316-250-2013 (cellular)		# of pages		2 of 2		Fax #:620-793-7237			
				WELL NAME		Mueller "A" #1					
				LOCATION		NW-NE-NW					
Rig #1 Phone Numbers		IN USE		SEC	32	TWP	21S	RNG	12W	CO	Stafford
620-794-2075	Rig Cellular (Dog house)	Yes		L. D. Drilling, Inc. 7 SW 26 th Great Bend, KS 67530							
620-794-2078	Geologist Trailer Cellular	Yes									
620-794-2076	Tool Pusher Cellular	Yes	Darryl Krier								
				ELEVATION		G.L. 1859'		K.B. 1869'		API# 15-185-23234-00-00	

Day 10 Date 04/10/04 Saturday DST #7 (3614'-3622') Arbuckle

Drilling @ 3616'

Ran 9.00 hours. Down 15.00 hours (2.50 circulate, 3.00 DST #7, .25 rig check, 9.25 trips)

Mud record: vis 46, wt. 9.6

Wt. on bit 30,000, 80 RPM, 700# pump pressure

Day 11 Date 04/11/04 Sunday RTD = 3915', LTD = 3915'

Drilling @ 3895'

Ran .25 hours. Down 23.75 hours (4.00 circulate, 3.75 trips, .25 check rig, 3.25 wireline logs, 2.25 run casing/cement casing, 3.00 lay down pipe, 1.50 nipple down, .75 set slips/jet pits, 5.00 tear down)

Mud record: vis 46, wt. 9.6

Total mud cost = \$3,633.00

Wt. on bit 30,000, 80 RPM, 700# pump pressure

Ran 87 joints of new 14# 5 1/2" casing. Tally @ 3699.44'. Set @ 3697' (KB). Cemented with 150 sacks of 50/50 Poz, 10% salt, 5# CalSet, 5# Gilsonite, .25 F.R., .8 FLA-322. Plug down @ 1:15 am on 04-12-04 by Acid Services (tk #8399). Plugged the rathole with 15 sacks.

Day 12 Date 04/12/04 Monday

Tearing down and moving off location.

RECEIVED
JUN 04 2004
KCC WICHITA

K-19a Dartmouth Black Top 2mi N, 1/4 mi E, S-7470

ORIGINAL



INVOICE NO.		Subject to Correction		FIELD ORDER 8396	
Date	4-2-04	Lease	Mueller A	Well #	1
Customer ID		County	Stafford	State	KS
L.D. Drilling		Depth		Formation	TP=270'24' ppf
		Casing	8 5/8	Casing Depth	270
		Customer Representative	Daryl Brier	Treator	D. Scott
		Shoe Joint	15 Requested		
		Job Type	Surface N.W.		

CHARGE

AFE Number	PO Number	Materials Received by	X <i>[Signature]</i>
------------	-----------	-----------------------	----------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	200 sk.	60-40 doz Common				
310	516 lb.	Calcium Chloride				
194	43 lb.	Cellflake				
E163	1 ea	Top wood Plug 8 5/8				
E100	1 ea	Trk mi lway 45 mi				
E107	200 sk	Cnt Serv Chg				
E104	387 tm	Bulk Delv				
R200	1 ea	Pump Chg				
E101	1 ea	Pickup mi lway 45 mi				
R901	1 ea	Cnt Head Rental				
				Discounted Price = 2935.69		

RECEIVED
JUN 04 2004
KCC WICHITA

TOTAL

ORIGINAL

TREATMENT REPORT



Customer ID		Date	
Customer L.D. Drilling Inc		4-11-04	
Lease Mueller		Lease No.	Well # A-1
Order # 2399	Station Pratt KS	Casing 5 1/2	Depth 8696
Job Longstring New Well		County Stafford	State KS
Formation		Legal Description 32-25-12W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft 132 ft	14.8 ppg	Acid 150 sk. 50-50 por	10% Salt	RATE 1500	PRESS	ISIP
Depth 675	Depth	From	To	Prog Pad 3 1/2 Calset 5# Gilsonte	Max			5 Min.
Volume 89.6	Volume	From	To	Pad 25 FR, 8% FLA-32	Min			10 Min.
Max Press 500	Max Press	From	To	Frac 15 sk 60-40 por	Avg Plug R.H.			15 Min.
Annulus Vol.	Annulus Vol.	From	To	35.2 Bbli 5 L	HHR Used			Annulus Pressure
Packer Depth	Packer Depth	From	To	Flush A-Flush	Gas Volume			Total Load

Customer Representative	Station Manager Dave Autry	Treater D. Scott
-------------------------	-------------------------------	---------------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
000					On Loc w/Trki Safety mtg PKR Shoe Bottom L.D. Baffle Top SJ Basket 1 Jt Cent 1-2-6-7-8 Csg on Bottom Line w/Rig
137	200		20	5	Drop Setting Ball & St A-Flush
135	800				Set PKR shoe
442	500		10	5	H2O Spacer
445	500		35.2	4	St mixing Cmt @ 14.8 ppg 150 sk
456	100		10	5	Chose In + wash Pump + line
457	100			7	Release Plug & St Disp w/H2O
107	600		68	6	Lifting Cmt 68 Bbli Disp but
112	1500		89.6	0	Plug down rpsi Test, Csg
113	0				Release rpsi Held Good Line Thru Job Plug R.H. w/15 sk
RECEIVED					Job Complete Thank you Scotty
JUN 04 2004					
KCC WICHITA					